

## EAST Search History

| Ref # | Hits  | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--|------------------|---------|------------------|
| L1    | 34641 | (electroplat\$10 or electroly\$10 or electrochem\$10 or electrodeposit\$10) near3 (copper or cu)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/04/19 07:50 |
| L2    | 55354 | (electroplat\$10 or electroly\$10 or electrochem\$10 or electrodeposit\$10 or deposit\$10) near3 rate | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/04/19 07:50 |
| L3    | 3073  | l1 and l2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/04/19 07:50 |
| L4    | 2576  | l3 and (via\$3 or trench\$3 or recess\$3 or opening\$3 or hole\$3 or feature\$3)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/04/19 07:52 |
| L5    | 1287  | l4 and min  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/04/19 07:59 |
| L7    | 1935  | l4 and (min or minute\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/04/19 08:02 |
| L8    | 1019  | l7 and ((electrode or conduct\$3) near3 layer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/04/19 07:59 |

## EAST Search History

|     |     |  |  |     |    |                  |
|-----|-----|--|--|-----|----|------------------|
| L9  | 580 | I7 and puls\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/04/19 08:00 |
| L10 | 299 | I9 and rotat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/04/19 08:01 |
| L11 | 163 | I10 and (rate with (min or minute\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/04/19 12:23 |
| L12 | 1   | "1,526,644" "1,881,713" "3,267,010" "3,328,273" "3,664,933" "3,706,635" "3,716,462" "3,770,598" "3,878,066" "3,930,363" "4,000,046" "4,046,105" "4,134,802" "4,272,335" "4,279,948" "4,304,641" "4,384,830" "4,437,943" "4,500,394" "4,576,689"  | USPAT  | AND | ON | 2007/04/19 12:24 |
| L13 | 1   | "1,526,644" "1,881,713" "3,267,010" "3,328,273" "3,664,933" "3,706,635" "3,716,462" "3,770,598" "3,878,066" "3,930,363" "4,000,046" "4,046,105" "4,134,802" "4,272,335" "4,279,948" "4,304,641" "4,384,830" "4,437,943" "4,500,394" "4,576,689"  | USPAT  | AND | ON | 2007/04/19 12:25 |
| L14 | 19  | us-1526644-.did. or us-1881713-\$.did. or us-3267010-\$.did. or us-3328273-\$.did. or us-3664933-\$.did. or us-3706635-\$.did. or us-3716462-\$.did. or us-3770598-\$.did. or us-3878066-\$.did. or us-3930363-\$.did. or us-4000046-\$.did. or us-4046105-\$.did. or us-4134802-\$.did. or us-4272335-\$.did. or us-4279948-\$.did. or us-4004641-\$.did. or us-4384830-\$.did. or us-4437943-\$.did. or us-4500394-\$.did. or us-4576689-\$.did. | USPAT  | AND | ON | 2007/04/19 12:30 |

## EAST Search History

|     |    |   |  |     |    |                  |
|-----|----|---|--|-----|----|------------------|
| L15 | 19 | l14 not l11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/04/19 12:31 |
| L16 | 29 | us-4624749-\$.did. or us-4634503-\$.<br>did. or us-4648944-\$.did. or<br>us-4781800-\$.did. or us-4828654-\$.<br>did. or us-4902398-\$.did. or<br>us-4949671-\$.did. or us-4959278-\$.<br>did. or us-4,988,533-\$.did. or<br>us-4990224-\$.did. or us-5000827-\$.<br>did. or us-5021129-\$.did. or<br>us-5115430-\$.did. or us-5116430-\$.<br>did. or us-5135636-\$.did. or<br>us-5138973-\$.did. or us-5151168-\$.<br>did. or us-5161168-\$.did. or<br>us-5209817-\$.did. or us-5217586-\$.<br>did. or us-5256274-\$.did. or<br>us-5284548-\$.did. or us-5302464-\$.<br>did. or us-5344491-\$.did. or<br>us-5368711-\$.did. or us-5372848-\$.<br>did. or us-5376176-\$.did. or<br>us-5391285-\$.did. or us-5409587-\$.<br>did. | USPAT  | AND | ON | 2007/04/19 12:39 |
| L17 | 28 | "5443865".pn. or "5472502".pn. or<br>"5472592".pn. or "5482891".pn. or<br>"5549808".pn. or "5576052".pn. or<br>"5597460".pn. or "5639316".pn. or<br>"5674787".pn. or "5681392".pn. or<br>"5684713".pn. or "5695810".pn. or<br>"5719447".pn. or "5723028".pn. or<br>"5723387".pn. or "5730854".pn. or<br>"575,018".pn. or "5754842".pn. or<br>"5824599".pn. or "5871626".pn. or<br>"5882498".pn. or "5891513".pn. or<br>"5897368".pn. or "5908543".pn. or<br>"5913147".pn. or "5932077".pn. or<br>"5969422".pn. or "5972192".pn. or<br>"5989397".pn.   | USPAT  | AND | ON | 2007/04/19 12:44 |

## EAST Search History

|     |    |  |                    |     |    |                  |
|-----|----|--|--------------------|-----|----|------------------|
| L18 | 26 | "5989406".pn. or "5999886.pn" or "6027631.pn" or "6028986".pn. or "6036836".pn. or "6065424".pn. or "6069068".pn. or "6074544".pn. or "6090260".pn. or "611,346".pn. or "6113771".pn. or "6151532".pn. or "6156167".pn. or "6159354".pn. or "6162344".pn. or "6162488".pn. or "6179983".pn. or "6193859".pn. or "6197181".pn. or "6197688".pn. or "6199301".pn. or "6228232".pn. or us-20020042689-\$.did. or "6277263".pn. or "6290833".pn. or "6309524".pn. or "6319831".pn. or us-20020000382-\$.did. or us-20020008037-\$.did. | US-PGPUB;<br>USPAT | AND | ON | 2007/04/19 12:49 |
| L19 | 8  | "6344129".pn. or "6350364".pn. or us-20020043466-\$.did. or us-20020043468-\$.did. or "6391166".pn. or us-20020066673-\$.did. or us-20020102837-\$.did. or "6565729".pn.   | US-PGPUB;<br>USPAT | AND | ON | 2007/04/19 12:51 |